ABSTRACT

A method and system for configuring a storage virtualization controller to manage errors in a storage area network includes identifying predetermined error actions and error events associated with the storage area network, specifying an error pattern based upon a combination of error events and associating an error action to perform in response to receiving the combination of error events of the error pattern. In addition, managing the occurrence of errors generated in a storage area network includes generating error events responsive to the occurrence of the conditions of components being monitored in the storage area network, receiving the error events over a time interval for analysis in a failure analysis module, comparing the temporal arrangement of the error events received against a set of error patterns loaded in the failure analysis module and identifying and performing the error action(s) corresponding to the error pattern(s) that match as a result of the comparison.